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(FILE 'HOME' ENTERED AT 09:59:11 ON 14 NOV 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 09:59:26 ON 14 NOV 2002

SEA (FUSION PROTEIN)

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FILE 'MEDLINE, CAPLUS, CANCERLIT, SCISEARCH, EMBASE, ESBIODASE,
BIOTECHNO, TOXCENTER' ENTERED AT 10:02:00 ON 14 NOV 2002

L2 17248 S L1 (S) ?TRANSFERASE
L3 124 S L2 (P) ASPERGILLUS
L4 27 DUP REM L3 (97 DUPLICATES REMOVED)

L4 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:53962 CAPLUS

DOCUMENT NUMBER: 126:72038

TITLE: Expression of glycosyltransferase in *Aspergillus* with increased secretion

INVENTOR(S): Kadoma, Katherine H.; Ward, Michael

PATENT ASSIGNEE(S): Genencor International, Inc., USA

SOURCE: PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9636718	A1	19961121	WO 1996-US7171	19960516
W: CA, FI, JP, MX				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2221271	AA	19961121	CA 1996-2221271	19960516
EP 826054	A1	19980304	EP 1996-920281	19960516
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
PRIORITY APPLN. INFO.:			US 1995-443954	19950518
			WO 1996-US7171	19960516

AB A method for the expression of glycosyltransferase in *Aspergillus* with increased level of secretion is described. The method consists of expression of a chimeric DNA comprised from 5'-terminus of (1) a signal sequence; (2) a DNA sequence encoding a secreted protein of a filamentous fungi, preferably *Aspergillus*; (3) a DNA sequence encoding a cleavable linker; and (4) a DNA sequence encoding a glycosyltransferase. Prepn. of a **fusion protein** consisting of a truncated form of .alpha.-2,3-sialyltransferase and the entire glucoamylase and expression of the **fusion protein** in *Aspergillus niger* var. awamori were demonstrated.